Weekly Evaluation (5)

Model (A)

Write the scientific term for the following:

1. An alloy that maintains its strength at high temperatures and is used in the manufacture of military aircraft structures..
2. A pure substance formed as a result of the chemical union of two or more elements in a fixed mass ratio, and its components can be separated by various methods
3. A symbolic formula that expresses the type and number of atoms of the elements that makes up the molecule.

Give one example of each:

1. A molecule of an organic compound
2. Chemical property to differentiate between substances
3. Regulates calcium and phosphorus levels in the blood.

What happens in the following cases?

1. Electrolysis of acidified water.

2. Put a piece of wood in the water.

Mention one difference between each of the following:

1. A mixture of sand, iron filings and a mixture of sugar in water. In terms of separation methods.

2. Water and honey in terms of viscosity

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Weekly Evaluation (5)

Model (B)

Write the scientific term for the following:

1. Materials composed of two or more substances that are not chemically combined
2. A semi-metal used in the manufacture of electronic chips.
3. Properties that can be observed and some of them can be measured.

Give one example of each:

1. A molecule of an element consisting of a single atom.
2. An alloy made of iron added to it some materials and is not susceptible to rust.
3. Low density transparent material with 99.8% air content

What happens in the following cases?

1. Heating of red mercury oxide compound.

2. Manufacture of iron cookware.

Mention one difference between each of the following:

1. Oxygen molecule and water molecule. In terms of the type of molecules:

2. Cork and iron in terms of density.

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Weekly Evaluation (5)

Model (C)

Write the scientific term for the following:

1. Mixtures whose components can be distinguished with the naked eye
2. An alloy that maintains its strength at high temperatures and is used in the manufacture of military aircraft structures.
3. The properties that only appear when a chemical reaction occurs that leads to a change in the shape and composition of the substance.

Give one example of each:

1. Physical property to differentiate between materials
2. Alloy used in aircraft manufacturing
3. Compound used in coloring house facades, papyrus and statues.

What happens in the following cases?

1. Dip a sunflower leaf in a lemon juice.

2. Use of carbon dioxide gas to fill balloons

Mention one difference between each of the following:

1. (O_3) molecules and (C) molecules. In terms of name, the number of atoms that make up the molecule.

2. Toothpaste and lemon in terms of their effect on litmus paper

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